

```

9      16.4  91.1  342  94  AF083186  Mus muscu
10     16.4  91.1  348  94  MDIGWAV  222095 M.domesticu
11     16.4  91.1  354  94  MMU60461  U60461 Mus musculu
12     16.4  91.1  354  94  MUSIGHYDA  M17696 Mouse Ig he
13     16.4  91.1  360  94  MUSABA  L24802 Mus musculu
14     16.4  91.1  387  94  AF276290  AF276290 Mus muscu
15     16.4  91.1  548  94  MUSIGHVBB  D13201 Mouse gene
16     16.4  91.1  653  94  MMTGVH9  X02462 Mouse germi
17     16.4  91.1  663  94  MUSIGHVCC  D13202 Mouse gene
18     16.4  91.1  729  9  AR027053  AR027053 Sequence
19     16.4  91.1  729  9  AX002778  AX002778 Sequence
20     16.4  91.1  729  9  AX018532  AX018532 Sequence
21     16.4  91.1  729  9  AX018608  AX018608 Sequence
22     16.4  91.1  729  10  I31036  I31036 Sequence 3
23     16.4  91.1  729  45  E10362  E10362 cDNA encodi
24     16.4  91.1  1001  94  MUSIGHVAR  D13200 Mouse gene
25     16.4  91.1  1467  9  AX002780  AX002780 Sequence
26     16.4  91.1  1518  9  AX002782  AX002782 Sequence
27     16.4  91.1  1807  9  AX002779  AX002779 Sequence
28     16.4  91.1  2090  9  AX002783  AX002783 Sequence
29     16.4  91.1  22342  93  HSO2032  AL109771 Homo sapi
30     16.4  91.1  117812  65  AC020493  AC020493 Drosophi1
31     16.4  91.1  143328  65  AC018560  AC018560 Homo sapi
32     16.4  91.1  148651  72  AC060778  AC060778 Homo sapi
33     16.4  91.1  153387  70  AC027432  AC027432 Homo sapi
34     16.4  91.1  158255  89  AF212831  AF212831 Homo sapi
35     16.4  91.1  158455  4  AC009460  AC009460 Drosophi1
36     16.4  91.1  159838  80  AL356268  AL356268 Homo sapi
37     16.4  91.1  161531  76  AC079960  AC079960 Homo sapi
38     16.4  91.1  182199  66  AC021805  AC021805 Homo sapi
39     16.4  91.1  191352  74  AC073565  AC073565 Mus muscu
40     16.4  91.1  191352  74  AC073565  AC073565 Mus muscu
41     16.4  91.1  209058  94  AC079181  AC079181 Mus muscu
42     16.4  91.1  242228  78  AC090887  AC090887 Mus muscu
43     16.4  91.1  272778  7  AC090843  AC090843 Mus muscu
44     16.4  91.1  299975  4  AE003463  AE003463 Drosophi1
45     16.4  91.1  340000  92  HS21C013  AL163213 Homo sapi

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ALIGNMENTS

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RESULT 1
LOCUS D50136 360 bp mRNA ROD 23-NOV-1997
DEFINITION Mus musculus mRNA for anti-acid phosphatase variable light chain
11, partial cds.
ACCESSION D50136
VERSION D50136.1 GI:2641977
KEYWORDS anti-acid phosphatase variable light chain 11.
SOURCE Mus musculus (strain: BALB/c) 4 weeks old male CDNA to mRNA.
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1 (bases 1 to 360)
AUTHORS Hatano,S.
TITLE Direct Submission
JOURNAL Submitted (12-APR-1995) to the DDBJ/EMBL/GenBank databases. Shoji
Hatanou, Kyushu University, Faculty of Agriculture, Dept. of Food
Science and Technology; Hakozaki 6-10-1, Higashi-Ku, Fukuoka,
Fukuoka 812-81, Japan (E-mail: hatanos@agr.kyushu-u.ac.jp,
Tel:092-642-3025, Fax:092-642-3025)
2 (sites)
REFERENCE Takata,R., Miyamoto,Y., Honjoh,K., Soeda,T., Sakamoto,J.,
AUTHORS Miyamoto,T. and Hatano,S.
TITLE Development of antibody fragment as inhibitors of Japanese radish
acid phosphatase
JOURNAL Unpublished (1997)
FEATURES
SOURCE Location/Qualifiers
1..360
/organism="Mus musculus"
/strain="BALB/c"
/db_xref="taxon:10090"

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/def_stage="4 weeks old"
/sex="male"
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/db_xref="GI:2641978"
/translation="QLTKESGPNLVPGASVKISCKASGYFTGYIHWKSHWS
LKWIRNPYNGATSYNQNPNDKASLVVDKSSSTAYMELHSLTSEDSAVYCAITTV
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CDS

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BASE COUNT 99 a 90 c 87 g 84 t
ORIGIN

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Query Match 100.0%; Score 18; DB 94; Length 360;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Cy 1 actggtactatcacac 18
Db 88 ACTGCTACTACATACAC 105

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RESULT 2
LOCUS AF162710 735 bp mRNA SYN 13-JUL-2000
DEFINITION Synthetic construct single chain antibody 3CA5 mRNA, partial cds.
ACCESSION AF162710
VERSION AF162710.1 GI:9081896
KEYWORDS synthetic construct.
ORGANISM synthetic construct.
REFERENCE 1 (bases 1 to 735)
AUTHORS Terrada,E., Kerschbaumer,R.J., Giunta,G., Galeffi,P., Himmeler,G.
and Cambra,M.
TITLE Fully 'recombinant ELISAs' for routine detection of Citrus tristeza
closterovirus (CTV) in plant material
JOURNAL Unpublished
AUTHORS Terrada,E., Kerschbaumer,R.J., Himmeler,G. and Cambra,M.
TITLE Direct Submission
JOURNAL Submitted (25-JUN-1999) Plant Protection and Biorechimology,
Instituto Valenciano de Investigaciones Agrarias, CITAtera
Moncada-Nagüera km. 4.5, Moncada, Valencia 46113, Spain.
LOCATION/Qualifiers
1..735
/organism="synthetic construct"
/db_xref="taxon:32630"
/note="derived from variable regions of heavy and light
chains of an antibody isolated from hybridoma cells of Mus
musculus (BALB/c strain)."
1..>735
/codon_start=1
/transl_table=1
/product="single chain antibody 3CA5"
/protein_id="AA82631.1"
/db_xref="GI:9081897"
/translation="MAQVKLOESGPDLVKPGASYKISCKASGYFTGYIHWKSHG
KSLMIRGVIPNNNGTSYNOKFKKATLVDSSTAYMELHSLTSEDSAVYCAAPY
DHYEDWGGCTIVTVSSGGSGSGRSGSGSPDFTLPSPALMSAPGKVTWCSA
SSSYTWVQOAKRGSSGSPKPRITVITSLASCVPERFSGSGSGTSLTISMEADNA
TTCQQWSSNPTFTGGTKLEIKRAGR"

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CDS

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BASE COUNT 176 a 198 c 201 g 160 t
ORIGIN

```

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Query Match 100.0%; Score 18; DB 56; Length 735;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 actggtactatcacac 18
|||||

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